

## Claims

1. A scooter engine having a valve lifter (33) interposed between intake valves (16) and a cam shaft (31), as well as between exhaust valves (17) and a cam shaft (32), with the axial line (C) of a cylinder (7) extending toward the front part of the vehicle body, wherein a stopper (42) is disposed in the cylinder (7) in the location opposite to a top face (33a) of the valve lifter (33).
2. The scooter engine according to Claim 1, wherein shims (44) are interposed between the intake valves (16) and the exhaust valves (17), and internal bottom faces of the valve lifters (33).